Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 08 Sep 2021 until 23:59 on Thursday 09 Sep 2021

Forecast Issued on Tuesday 07 Sep 2021 at 12:44

Confidence: High for a warm and sunny day on Wednesday then for changeable and possibly very wet conditions on Thursday and Friday. The main uncertainty relates to the development of thunderstorms on both days.

Headline for Wednesday 08 Sep 2021: Very warm and sunny.

Mountain weather hazards on Wednesday 08 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny	Sunny	Sunny	Sunny intervals	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Wednesday 08 Sep 2021

Weather: Clear skies through the early hours may again allow a few mist and fog patches to develop in the valleys. A mild start and any mist and fog in the valleys will clear readily through morning to leave another very warm day with largely unbroken sunshine. Little change expected through evening.

Chance of cloud free mountain/hill tops above 600m: 100%.

Visibility: Rather hazy with distant features lacking clarity. Visibility may be limited to a few hundred metres in any mist or fog in the valleys through morning.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 08 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/21 S	12/18 SE	11/18 SE	14/21 SE	17/25 SE	15/22 SE	12/20 E	14/23 SE	12/18 SE
300	6/15 SE	7/14 SE	6/11 E	8/13 E	11/18 SE	12/20 SE	8/16 E	10/20 SE	9/15 SE
Valley	7/13 E	6/11 E	8/14 E	7/14 E	10/18 SE	9/19 SE	6/15 E	8/19 E	7/17 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/16	19/16	17/15	18/15	20/16	21/18	20/18	17/14	16/14
300	19/19	19/18	18/16	20/20	23/21	24/22	22/22	20/18	18/17
Valley	19/19	18/17	18/17	22/21	24/23	25/24	23/22	20/18	18/17
Freezing Level*	3300m	3300m	3200m	3200m	3100m	3200m	3100m	3200m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be prepared for very warm conditions and the risk of sunburn. Maximum temperatures in the valleys may approach 27C.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 07 Sep 2021	0.2mm	0.2mm	0.2mm

Forecast for Thursday 09 Sep 2021

Weather: Changeable conditions as very warm, perhaps muggy weather gives way to scattered heavy and thundery showers through the day. Some of these may be briefly torrential, but plenty of sunshine likely between these. Showers fading into the evening.

Maximum wind: South or southeast 15-20mph, but generally much less.

Chance of cloud free mountain/hill tops above 600m: 80% initially, soon falling 40%.

Visibility: Rather hazy through morning then falling to a kilometre or so during passing heavy showers. Areas of cloud will accompany these, mostly above 500m.

Temperature: **Valleys:** Plus 16 Celsius rising to 22 Celsius.
At 600m: Plus 15 Celsius.
Freezing level: Well above summits.

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